Verta

Model Catalog

Increase the ROI on your AI investments, reduce costs and mitigate risks with centralized model management

A Single Source of Truth and Control Tower for Model Lifecycle Assets

Verta Model Catalog centrally organizes all model assets across the enterprise, with integrated experiment tracking, deployment, versioning and monitoring to establish governance, enable collaboration, and deliver visibility into model performance and usage. Model Catalog has unique capabilities to manage end-to-end metadata states and software lifecycles across development, production and archival processes.

3 ways Verta Model Catalog helps you realize the full value of AI & ML

1

Verta Model Catalog enables companies to drive greater returns from their AI investments by accelerating ML pipelines and delivering faster time to value from machine learning projects.

2

Verta helps you reduce costs and do more ML with fewer resources by providing data scientists with a high degree of self-service, while built-in controls provide guardrails that ensure security and governance.
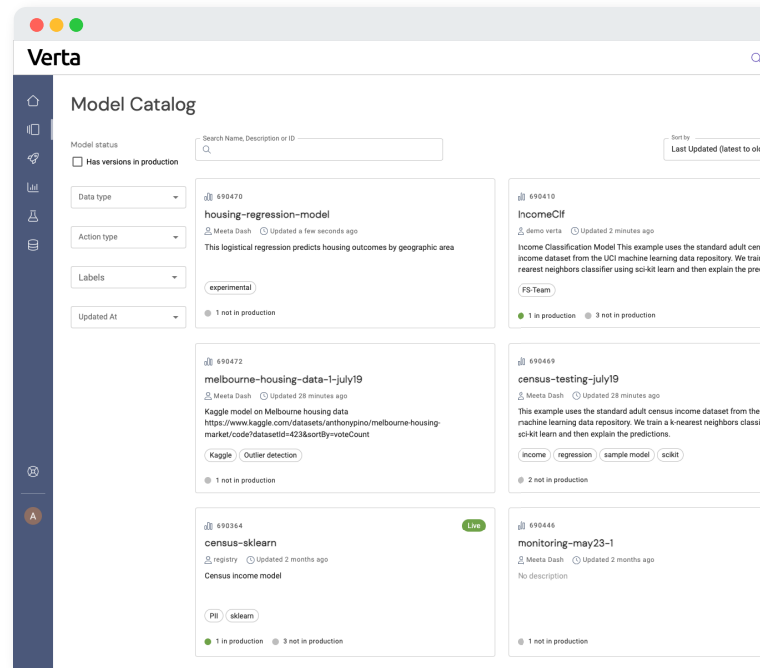
3

Model Catalog also mitigates risks by ensuring you can meet ethical AI commitments and regulatory requirements by enabling trackability, traceability and reproducibility across the model lifecycle.

Model Catalog makes model discovery, integration and governance easy across your enterprise

- Data scientists publish all model metadata, documentation, artifacts in one central catalog.

- Engineers can find up to date model documentation, API contracts and container packaging and stay current with changes.

- Governance and Risk teams can monitor model I/O and performance, and administrate governance rules.

- Executives and leaders can watch the adoption and growth of AI/ML programs throughout your enterprise and discover new opportunities to reuse existing technologies.

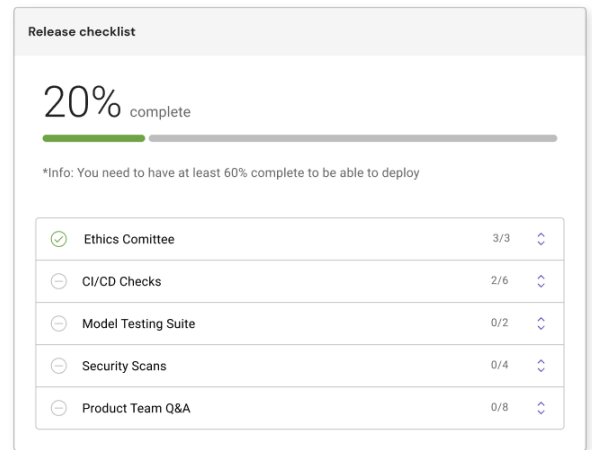## Release Readiness with Model Catalog

- Record and manage release lifecycles from development and staging to production and archive.

- Automatically track model versions to monitor the progress of ML iterations and simplify the model update process.

- Ensure models are ready for production release with custom governance checklists. Scan models for vulnerabilities and review training data for bias easily.

- Use webhooks to trigger downstream actions for model validation and deployment.

- Access detailed audit log for compliance.

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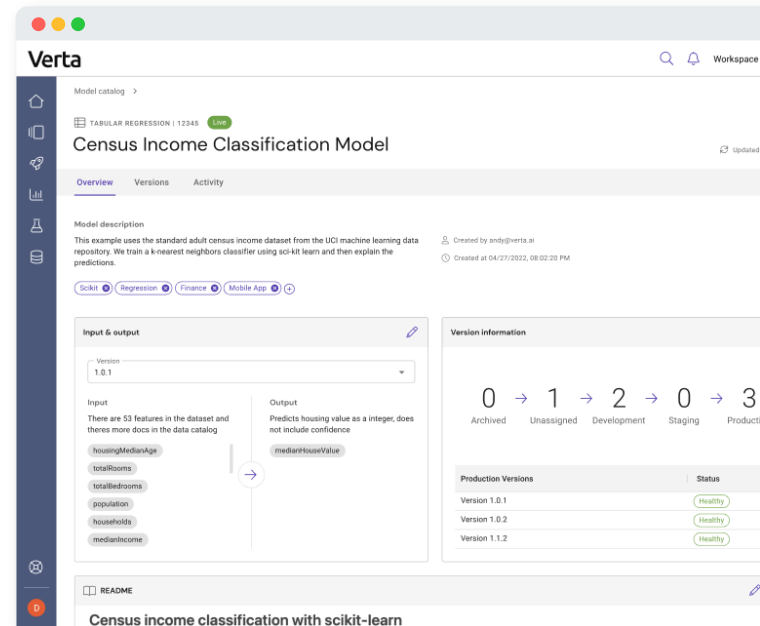
Deploy to production confidently with simple machine learning governance tools

- Enterprise-wide visibility and transparency to your organization's machine learning assets in use, retired or on deck.

- Promotion and Deployment checklists and automations for data scientists and engineers that can be customized and configured by your risk and ethics teams.

- Standardize model documentation, model schema and API management across your machine learning assets.

- Easily configure deployments and monitor all models in production within the platform.

- Track external and on-prem deployments in your model catalog.

Vulnerability scan

34 vulnerabilities found

● 5	● 6	● 9	● 2	● 12
Critical	High	Medium	Low	Informational

⊗ Failed

"Critical or high vulnerabilities found."

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Release checklist

20% complete

*Info: You need to have at least 60% complete to be able to deploy

✓	Ethics Comittee	3/3
⊖	CI/CD Checks	2/6
⊖	Model Testing Suite	0/2
⊖	Security Scans	0/4
⊖	Product Team Q&A	0/8
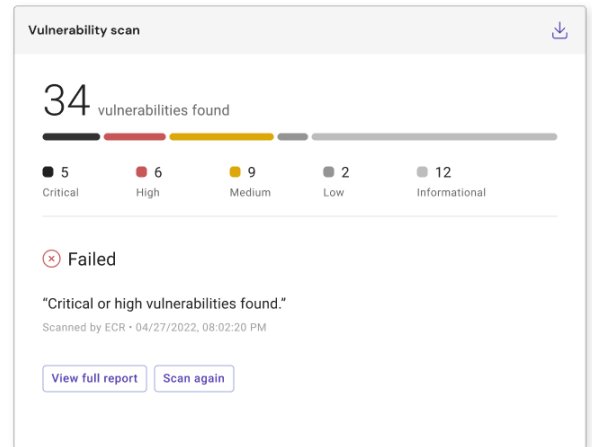
Increase visibility and collaboration

Unified view of all the models, documents, and artifacts for better monitoring and discoverability.

Facilitate sharing and collaboration of production-ready models.

Customize granular access controls for the entire ML lifecycle for easy collaboration and minimal risk.

Integration with enterprise-wide CI/CD systems, authentication systems, data catalogs and more.

Verta

We integrate with your AI/ML stack

Verta supports all these popular platforms and frameworks—plus many, many more.

TensorFlow **PyTorch** **scikit learn** **dmlc XGBoost** **Apache Spark** **R**

ONNX **aws** **Google Cloud** **ANACONDA** **Azure** **Amazon SageMaker**

Don't take our word for it.

See what others are saying.

SCRIBD

Scribd utilizes machine learning to optimize search, make recommendations, and improve new features.

LeadCrunch

LeadCrunch's Data Science teams create Machine Learning models that help B2B companies find better prospects faster.

INDUSTRY LEADER

A leading collaboration platform utilizes ML to prevent abuse, make recommendations, and improve user experience.

> " We partnered with Verta to quickly deploy a model registry integrated with our identity systems and access control requirements to provide the trusted model supply chain Scribd needs to succeed."
>
> **R TYLER CROY, DIRECTOR OF PLATFORM ENGINEERING, SCRIBD**